# BRUHATH BENGALURU MAHANAGARA PALIKE

**Yelahanka Division, Yelahanka Zone**

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/12/2022-23 Dated: 26-08-2022

## APPROVED TENDER SCHEDULE –'B'

Item 69

Name of Work:-Improvements to roads and drain at Suggappa layout and surrounding area in ward no:05 Yelahanka New Town Sub Division

| Sl | Description | Unit | Approved Qty | Rate quoted by the contractor approved rates Sri Sambashiva | |
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| | | | | Rate | Rate in Words |
| 1 | Removing and Resetting of Footpath Slab (Approved Rate) | Sqm | 619.92 | 209.67 | Two Hundred Nine Paise SixtySeven Only |
| 2 | Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work . Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum.(Tipper 5.5 m3) | Cum | 313.32 | 271.23 | Two Hundred SeventyOne Paise TwentyThree Only |
| 3 | Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates | Cum | 6.75 | 4955.33 | Four Thousand Nine Hundred FiftyFive Paise ThirtyThree Only |
| 4 | Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. | Tonne | 0.81 | 82235.00 | EightyTwo Thousand Two Hundred ThirtyFive Only |

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| | Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates | Cum | 13.50 | 5590.94 | Five Thousand Five Hundred Ninety Paise NinetyFour Only |
| 6 | Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M25 with OPC cement,@340kgs/cum with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine,mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.(Exclusive of GST and Area Loading Charges) | Sqm | 301.68 | 1680.60 | One Thousand Six Hundred Eighty Paise Sixty Only |
| 7 | Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work o | Cum | 66.42 | 57.99 | FiftySeven Paise NinetyNine Only |
| 8 | Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 . | Cum | 33.21 | 2094.02 | Two Thousand NinetyFour Paise Two Only |
| 9 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density | Cum | 49.82 | 2135.95 | Two Thousand One Hundred ThirtyFive Paise NinetyFive Only |

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| 10 | Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. | Sqm | 221.40 | 37.47 | ThirtySeven Paise FourtySeven Only |
| 11 | Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2on the prepared bituminous surface cleaned with mechanical broom. | Sqm | 1340.00 | 10.71 | Ten Paise SeventyOne Only |
| 12 | Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. | Cum | 11.07 | 8153.91 | Eight Thousand One Hundred FiftyThree Paise NinetyOne Only |
| 13 | Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects | Cum | 53.60 | 8767.75 | Eight Thousand Seven Hundred SixtySeven Paise SeventyFive Only |
| 14 | Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. | Sqm | 53.60 | 426.48 | Four Hundred TwentySix Paise FourtyEight Only |
| 15 | Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km | t.Km | 401.05 | 85.65 | EightyFive Paise SixtyFive Only |

Signature of the Contractor

Executive Engineer,
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BBMP, Bengaluru-64.



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